WHAT IS CLAIMED IS:

1.   A method of constructing a network, comprising:

a display step of displaying plural items of network identification information which are stored in
5   a memory;

a selecting step of selecting network identification information of a network, which is capable of being constructed anew, from the plural items of network identification information displayed
10   at said display step; and

a constructing step of constructing a network corresponding to the network identification information selected at said selecting step.

2.   The method according to claim 1, wherein said
15   display step displays the plural items of network identification information as a list of symbol strings of one or more characters.

3.   The method according to claim 1, wherein said selecting step selects network identification
20   information other than network identification information currently in use.

4.   The method according to claim 1, further comprising a setting step of displaying a list of encryption keys for encrypting communication data,
25   selecting a desired encryption key from the list of encryption keys, and setting the selected encryption key as the encryption key of communication data.

5. The method according to claim 1, further comprising:

a setting step of setting communication modes of the network; and

5 a step of displaying a list of communication channels and selecting a communication channel used for communication in a communication mode set in said setting step from the list of communication channels.

6. A method of constructing a network, comprising:

10 a discriminating step of discriminating network identification information being used in the vicinity; and

a display step of displaying plural items of network identification information which are stored in

15 a memory based on the discrimination at said discriminating step.

7. The method according to claim 6, wherein the network identification information is an ESS (Extended Service Set) - ID used in wireless LAN communication

20 compliant with IEEE Std 802.11.

8. The method according to claim 6, further comprising a designating step of selectively designating any of the plural items of network identification information displayed at said display

25 step.

9. The method according to claim 8, further comprising a constructing step of constructing a

network using the network identification information that has been designated at said designating step.

10. A method of constructing a wireless network, comprising:

5   a display step of displaying a list of encryption keys which are stored in a memory;

a selecting step of selecting a desired encryption key from a list of encryption keys displayed at said display step; and

10   a communicating step of performing encrypted communication using the encryption key selected at said selecting step.

11. The method according to claim 10, wherein the encryption key is a WEP (Wired Equivalent Privacy) key

15 used in wireless LAN communication compliant with IEEE Std 802.11.

12. A communication apparatus constructing a network, comprising:

display means for displaying plural items of

20 network identification information which are stored in a memory;

selecting means for selecting network identification information of a network, which is capable of being constructed anew, from the plural

25 items of network identification information displayed by said display means; and

constructing means for constructing a network
corresponding to the network identification
information selected by said selecting means.

13. A communication apparatus comprising:

5   discriminating means for discriminating network
identification information being used in the vicinity;
and

display means for displaying a list of network
identification information which are stored in a

10   memory based on the discrimination by said
discriminating means.

14. The apparatus according to claim 13, wherein the
network identification information is an ESS (Extended
Service Set) - ID used in wireless LAN communication

15   compliant with IEEE Std 802.11.

15. A communication apparatus comprising:

display means for displaying a list of encryption
keys which are stored in a memory;

selecting means for selecting a desired

20   encryption key from a list of encryption keys
displayed by said display means; and

communicating means for performing encrypted
communication using the encryption key selected by
said selecting means.

25   16. The apparatus according to claim 15, wherein the
encryption key is a WEP (Wired Equivalent Privacy) key

used in wireless LAN communication compliant with IEEE

Std 802.11.

17. A program for causing a computer to execute the

method of constructing a network set forth in claim 1.

5 18. A program for causing a computer to execute the

method of constructing a network set forth in claim 6.

19. A program for causing a computer to execute the

method of constructing a network set forth in claim 10.